# Fiscal Year 2017



State of Montana

Department of Natural Resources and Conservation

Fiscal Year 2017

#### **INTRODUCTION**

This report was prepared by the Minerals Management Bureau (MMB or the Bureau) within the Trust Land Management Division and contains information gathered by the Bureau regarding State of Montana mineral leases. The report provides production and revenue information for each lease type managed by the Bureau.

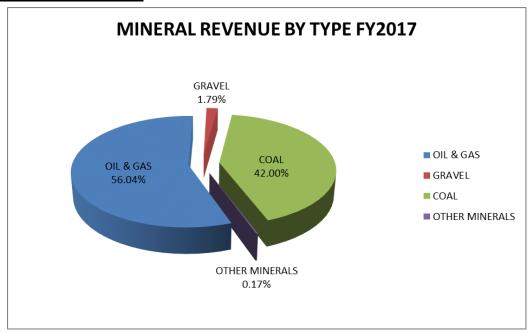
Within each lease type, there are reports providing income by county, area office, and grant. Revenue and pricing information was compiled using the cash basis method of accounting. Oil and gas production was compiled using information reported on the State of Montana Form 5 Royalty Report each month.

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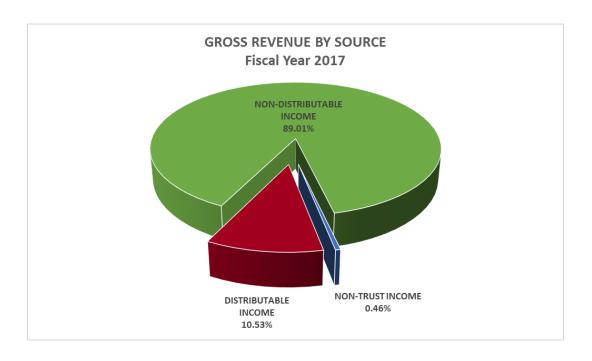
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# **REVENUE SOURCES**



| Mineral Ty                 | pe & Revenue Source       | FY2016       | FY2017       | % Change from FY16 |
|----------------------------|---------------------------|--------------|--------------|--------------------|
| OIL & GAS-                 | Rentals/Bonuses/Penalties | \$1,614,519  | \$1,649,392  | 2.16%              |
|                            | Royalties *               | \$7,968,489  | \$7,486,741  | -6.05%             |
|                            | Seismic                   | \$0          | \$0          | 0%                 |
|                            | Total                     | \$9,583,007  | \$9,136,133  | -4.66%             |
| GRAVEL -                   | Rentals                   | \$0          | \$400        | 0%                 |
|                            | Royalties                 | \$251,163    | \$291,048    | 15.88%             |
|                            | Total                     | \$251,163    | \$291,448    | 16.04%             |
| COAL -                     | Rentals/Bonuses           | \$49,535     | \$45,696     | -7.75%             |
|                            | Royalties                 | \$9,124,779  | \$6,801,760  | -25.46%            |
|                            | Total                     | \$9,174,314  | \$6,847,456  | -25.36%            |
| OTHER MINES<br>LAND USE LI |                           |              |              |                    |
|                            | Rentals/Penalties         | \$15,507     | \$5,859      | -62.22%            |
|                            | Royalties                 | \$11,292     | \$12,062     | 6.82%              |
|                            | Total                     | \$26,799     | \$17,921     | -33.13%            |
| METALLIFER                 | OUS MINERALS              |              |              |                    |
|                            | Rentals/Penalties         | \$277        | \$277        | 0.00%              |
|                            | Royalties                 | \$0          | \$0          | 0%                 |
|                            | Total                     | \$277        | \$277        | 0.00%              |
| NON-METALL                 | IFEROUS MINERALS          |              |              |                    |
|                            | Rentals/Penalties         | \$5,430      | \$10,556     | 94.40%             |
|                            | Royalties                 | \$18         | \$20         | 14.29%             |
|                            | Total                     | \$5,448      | \$10,576     | 94.14%             |
| G                          | RAND TOTAL                | \$19,041,008 | \$16,303,811 | - <u>14.38</u> %   |
| * Includes interes         | st and shut-in payments   |              |              |                    |



# GROSS REVENUE FOR SCHOOL TRUST BENEFICIARIES

| GROSS NON-DISTRIBUTA | BLE REVENUE | GROSS DISTRIBUTABLE REV | ENUE ** |
|----------------------|-------------|-------------------------|---------|
| \$14,511,070         | 89.42%      | \$1,717,258             | 10.58%  |

#### TRUST LAND REVENUE (by Trust)

|                       |              | Total Trust Grants:       | \$16,228,328 |
|-----------------------|--------------|---------------------------|--------------|
| Montana Tech          | \$601        | Public Land Trust         | \$562,528    |
| M.S.U. 2nd Grant      | \$3,323      | Public Buildings **       | \$19,398     |
| M.S.U. Morrill        | \$4,895      | State Reform School       | \$337        |
| University of Montana | \$1,060      | School for Deaf and Blind | \$689        |
| Common Schools        | \$15,631,526 | State Normal School       | \$3,973      |

#### **NON-TRUST LAND REVENUE \***

Total Non-Trust Grants: \$75,482

TOTAL REVENUE \$16,303,811

<sup>\*</sup> Non-Trust Land revenue consists of revenue the Department of Natural Resources and Conservation collects as an administrator for various entities. These funds are distributed to the entity upon collection.

<sup>\*\*</sup> Royalties collected on behalf of Public Buildings are deposited into their Distributable Trust fund

#### **LEASES**

*Oil & Gas Leasing:* In FY17, oil and gas leasing decreased by 17.3% from FY16 to a total of 1,441 leases. Quarterly lease sales in FY17 totaled 46 new leases. However, bonus revenue for new leases in FY17 totaled just over \$351 thousand compared to more than \$138 thousand on state trust lands in FY16. The number of producing leases decreased by just about 1% to a total of 666 producing leases, and now make up 46.2% of all oil and gas leases. Oil and gas leases account for a little more than 594 thousand of the 6.2 million mineral acres on State trust lands, which is a decrease of 17.3%.

*Hard Rock – Industrial Leasing:* The total number of metalliferous and non-metalliferous leases remained constant at 7 leases, covering 3,194 acres.

**Gravel Permits:** Permit counts remained constant during FY17. Producing permits decreased by 5 to a total of 27 leases. Gravel royalty revenue in FY17, totaled just above \$291 thousand which was a nearly 16% increase from FY16.

**Coal Leasing:** The number of coal leases remained constant at 35 leases covering 17,145 acres with 7 producing on 2,800 acres.

<u>Land Use Licenses</u> decreased by 9.8% with a count of 37 in FY17 as compared to 41 in FY16. Acreage assigned to those licenses also decreased by 1.3% to 9,048 acres.

<u>Small Volume Permits and Permits to Test for Aggregate</u> are not in the table below. During FY17, DNRC field offices issued 14 small volume permits and 10 permits to test for aggregate, as compared to 16 and 4 permits respectively in FY16.

**MMB activities:** Activities related to existing leases include collecting royalty and rental payments, auditing, review of all proposed leases, reviewing and approving assignments and tracking working interest ownership, reviewing and preparing for approval of communitization agreements and unit operating agreements, and coordinating with field offices the environmental review and approval of all proposed physical operations on state leases.

#### **Producing Leases Criteria:**

**Gravel Permits** - Includes permits that produced during the fiscal year. Does not include advance royalties paid. Does not include small volume or test permits.

Coal Leases - Includes leases that produced during the fiscal year. Does not include advance royalties.

Land Use Licenses – Includes activities such as salt water disposal, access roads and pipelines constructed on state land.

Metalliferous Leases - Includes leases that produced during the fiscal year. Does not include advance royalties.

Non-Metalliferous Leases - Includes leases that produced during the fiscal year. Does not include advance royalties.

Oil and Gas Leases - Includes any lease with a well that is capable of production.

| Type of Lease            | No. of<br>Leases | % Change<br>from FY16 | Acreage<br>Leased | % Change from FY16 | Producing<br>Leases | % Change<br>from FY16 | Producing<br>Acreage | % Change from FY16 |
|--------------------------|------------------|-----------------------|-------------------|--------------------|---------------------|-----------------------|----------------------|--------------------|
|                          |                  |                       |                   |                    |                     |                       |                      |                    |
| Coal Leases              | 35               | 0.0%                  | 17,145            | 0.0%               | 7                   | 0.0%                  | 2,800                | 0.0%               |
| Gravel Permits           | 46               | 0.0%                  | 1,358             | 31.0%              | 27                  | -15.6%                | 859                  | 10.7%              |
|                          |                  |                       |                   |                    |                     |                       |                      |                    |
| Land Use Licenses        | 37               | -9.8%                 | 9,048             | -1.3%              | 2                   | 0.0%                  | 960                  | 0.0%               |
|                          |                  |                       |                   |                    |                     |                       |                      |                    |
| Metalliferous Leases     | 1                | 0.0%                  | 92                | 0.0%               | 0                   | 0.0%                  | 0                    | 0.0%               |
| Non-Metalliferous Leases | 6                | 0.0%                  | 3,102             | 0.0%               | 1                   | 0.0%                  | 120                  | 0.0%               |
| Seismic Permits          | 0                | -100.0%               | 0                 | -100.0%            | o                   | 0.0%                  | О                    | 0.0%               |
|                          |                  |                       |                   |                    |                     |                       |                      |                    |
| Gas Storage Agreements   | 4                | 0.0%                  | 8,311             | 0.0%               | 0                   | 0.0%                  | 0                    | 0.0%               |
|                          |                  |                       |                   |                    |                     |                       |                      |                    |
| Oil and Gas Leases       | 1,441            | -17.3%                | 594,839           | -17.3%             | 666                 | -0.9%                 | 247,895              | -0.8%              |
| Total Leases             | 1,570            | -16.31%               |                   |                    | 703                 | -1.54%                |                      |                    |
| Total Acres              |                  |                       | 633,895           | -16.48%            |                     |                       | 252,634              | -0.78%             |

## **MINERAL ACTIVITY BY FIELD OFFICE**

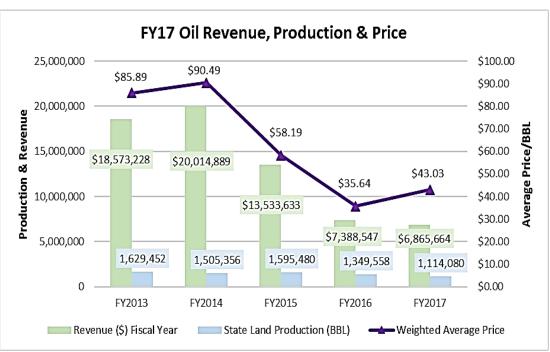
This table represents the total field activity by Area Office and Unit Office

| AREA   | UNIT              | Oil & Gas | O&G Wells   | Seismic | Coal   | M & NM | Land Use | Gravel  | Gravel   | Small  | Test    |       |
|--------|-------------------|-----------|-------------|---------|--------|--------|----------|---------|----------|--------|---------|-------|
| OFFICE | OFFICE            | Leases    | & Pipelines | Permits | Leases | Leases | Licenses | Permits | Renewals | Volume | Permits | TOTAL |
| CLO    |                   |           |             |         |        |        |          |         |          |        |         |       |
|        | Bozeman           | 2         |             |         |        |        |          |         | 4        |        |         |       |
|        | Conrad            | 18        | 1           |         |        |        |          | 2       | 2        |        |         |       |
|        | Dillon            |           |             |         |        |        |          | 1       | 1        | 1      | 3       |       |
|        | Helena            |           |             |         |        |        | 1        | 1       | 1        |        | 3       |       |
|        | Area Office Total | 20        | 1           | 0       | 0      | 0      | 1        | 4       | 8        | 1      | 6       | 41    |
|        |                   |           |             |         |        |        |          |         |          |        |         |       |
| ELO    |                   |           |             |         |        |        |          |         |          |        |         |       |
|        |                   | 9         | 3           |         |        |        |          |         | 3        |        |         |       |
|        | Area Office Total | 9         | 3           | 0       | 0      | 0      | 0        | 0       | 3        | 0      | 0       | 15    |
|        |                   |           |             |         |        |        |          |         |          |        |         |       |
| NELO   |                   |           |             |         |        |        |          |         |          |        |         |       |
|        | Glasgow           | 1         | 3           |         |        |        | 2        |         |          | 2      | 2       |       |
|        | Havre             | 9         |             |         |        |        | 1        |         |          |        |         |       |
|        | Lew istow n       | 1         |             |         |        |        |          |         |          |        |         |       |
|        | Area Office Total | 11        | 3           | 0       | 0      | 0      | 3        | 0       | 0        | 2      | 2       | 21    |
|        |                   |           |             |         |        |        |          |         |          |        |         |       |
| NWLO   |                   |           |             |         |        |        |          |         |          |        |         |       |
|        | Kalispell         |           |             |         |        |        |          |         | 1        |        |         |       |
|        | Libby             |           |             |         |        |        |          |         | 1        |        |         |       |
|        | Plains            |           |             |         |        |        |          |         | 3        | 2      |         |       |
|        | Stillw ater       |           |             |         |        |        |          |         |          | 4      |         |       |
|        | Sw an River       |           |             |         |        |        |          |         |          | 1      |         |       |
|        | Area Office Total | 0         | 0           | 0       | 0      | 0      | 0        | 0       | 5        | 7      | 0       | 12    |
|        |                   |           |             |         |        |        |          |         |          |        |         |       |
| SLO    |                   |           |             |         |        |        |          |         |          |        |         |       |
|        |                   | 6         |             |         | 2      |        | 1        |         |          | 3      | 2       |       |
|        | Area Office Total | 6         | 0           | 0       | 2      | 0      | 1        | 0       | 0        | 3      | 2       | 14    |
|        |                   |           |             |         |        |        |          |         |          |        |         |       |
| SWLO   |                   |           |             |         |        |        |          |         |          |        |         |       |
|        | Anaconda          |           |             |         |        |        |          |         |          |        |         |       |
|        | Clearw ater       |           |             |         |        |        |          |         | 3        | 1      |         |       |
|        | Hamilton          |           |             |         |        |        |          |         |          |        |         |       |
|        | Missoula          |           |             |         |        |        |          |         |          |        |         |       |
|        | Area Office Total | 0         | 0           | 0       | 0      | 0      | 0        | 0       | 3        | 1      | 0       | 4     |
|        | GRAND TOTAL       | 46        | 7           | 0       | 2      | 0      | 5        | 4       | 19       | 14     | 10      | 107   |

**DNRC Area and Unit office field staff** conduct on-site reviews and prepare environmental assessments when mineral exploration or development is proposed on state land. These reviews address resource concerns and provide site specific stipulations to mitigate impacts for project development. Stipulations may include such items as restricting work to dry or frozen conditions, noxious weed control, timing restrictions to address wildlife concerns, and reclamation requirements. Field staff also conduct periodic reviews of mineral development to verify that lessees are complying with lease requirements. The table above breaks down the number of reviews by mineral type for the fiscal year 17.

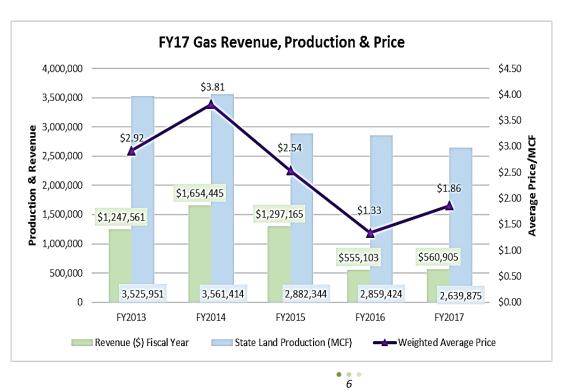
## **OIL AND GAS REVENUE AND PRODUCTION**

Oil: In FY17 oil production decreased by about 235,000 barrels. However, due to the increase in price, oil revenues decreased by only 7% to \$6.8 million as compared to \$7.3 million in FY16. With the continued lower price per



barrel, there have been over 343 expired or terminated leases. In FY17 the average price for a barrel of oil produced from State land leases was \$43.03 as compared to \$35.64 in FY16, an increase of 20.7%. Oil royalties alone accounted for 42.1% of all revenue received in FY17.

Gas: In FY17, the average price for gas produced on State lands increased to \$1.86 from \$1.33 per thousand cubic feet (mcf), representing a 39.8% increase from FY16. Gas production decreased more than 200,000 mcf to a total of 2,639,875 thousand cubic feet in FY17. From the combination of



increased average price and decreased production, royalty revenue remained fairly constant at \$560,905. Gas revenues accounted for 3.4% of all revenue received in FY17.

| Total Royalties | ate (GAL)  | Condens      | MCF)       | Gas (         | L)         | Oil (BB         | County        |
|-----------------|------------|--------------|------------|---------------|------------|-----------------|---------------|
| Total Noyalites | Production | Royalties*   | Production | Royalties*    | Production | Royalties*      | County        |
| \$3,501.58      |            |              | 734        | \$3,501.58    |            |                 | Big Horn      |
| \$125,442.16    |            |              | 180,175    | \$31,994.28   | 22,382     | \$93,447.88     | Blaine        |
| \$2,471.45      |            |              |            |               | 247        | \$2,471.45      | Carbon        |
| \$10,519.24     |            |              | 89,525     | \$10,519.24   |            |                 | Chouteau      |
| \$374,384.58    |            |              |            |               | 56,204     | \$374,384.58    | Dawson        |
| \$1,122,768.20  |            |              | 385,132    | \$46,981.19   | 167,499    | \$1,075,787.01  | Fallon        |
| \$25,844.55     |            |              |            |               | 4,522      | \$25,844.55     | Garfield      |
| \$39,437.72     | 26,685     | \$2,041.59   | 54,821     | \$11,837.45   | 5,084      | \$25,558.68     | Glacier       |
| \$4,119.60      |            |              | 25,965     | \$4,119.60    |            |                 | Golden Valley |
| \$55,280.47     |            |              | 307,682    | \$55,280.47   |            |                 | Hill          |
| \$127,340.90    |            |              | 73,020     | \$11,881.52   | 22,812     | \$115,459.38    | Liberty       |
| \$58,447.13     | 1,636      | \$53.50      | 1,823      | \$2,647.84    | 1,845      | \$55,745.79     | Mountrail, ND |
| \$7,530.33      |            |              |            |               | 1,417      | \$7,530.33      | Musselshell   |
| \$3,946.58      |            |              |            |               | 910        | \$3,946.58      | Petroleum     |
| \$66,831.20     |            |              | 520,821    | \$66,831.20   |            |                 | Phillips      |
| \$74,968.69     |            |              | 8,093      | \$1,243.89    | 14,235     | \$73,724.80     | Pondera       |
| \$135,941.22    |            |              |            | \$720.00      | 22,140     | \$135,221.22    | Powder River  |
| \$3,279,972.67  | 1,190,244  | \$52,941.88  | 483,588    | \$171,399.43  | 502,621    | \$3,055,631.36  | Richland      |
| \$1,342,288.87  | 109,512    | \$5,094.20   | 176,937    | \$89,188.51   | 190,990    | \$1,248,006.16  | Roosevelt     |
| \$73,516.14     |            |              |            |               | 14,562     | \$73,516.14     | Rosebud       |
| \$230,368.68    |            |              | 1,655      | \$757.12      | 39,405     | \$229,611.56    | Sheridan      |
| \$868.13        |            |              | 3,025      | \$868.13      |            |                 | Stillwater    |
| \$5,871.74      |            |              |            |               | 1,003      | \$5,871.74      | Teton         |
| \$214,479.56    | 472        | \$40.59      | 263,674    | \$43,490.01   | 30,916     | \$170,948.96    | Toole         |
| \$4,002.04      |            |              | 46,762     | \$4,002.04    |            |                 | Valley        |
| \$96,597.63     |            |              | 16,442     | \$3,641.78    | 15,287     | \$92,955.85     | Wibaux        |
| \$7,486,741.06  | 1,328,549  | \$ 60,171.76 | 2,639,875  | \$ 560,905.28 | 1,114,080  | \$ 6,865,664.02 | Grand Total   |

<sup>\*</sup> Totals include interest and shut-in royalty payments

<sup>\*\*</sup> Royalty figures for all counties within an area or unit office may not equal the sum of royalties in the field office revenues because leases that are split out by grant or county are assigned to only one field office

| Top Revenue Prod | ucing Counties - Oil | Top Revenue Pro | oducing Counties - Gas |
|------------------|----------------------|-----------------|------------------------|
| #1 Richland      | \$3.05 million       | #1 Richland     | \$171 thousand         |
| #2 Roosevelt     | \$1.24 million       | #2 Roosevelt    | \$89 thousand          |
| #3 Fallon        | \$1.07 million       | #3 Phillips     | \$66 thousand          |

| Day Type          | CLO          | ELO            | NELO           |              | SLO         | Pay Type       |
|-------------------|--------------|----------------|----------------|--------------|-------------|----------------|
| Pay Type          | Conrad       | Miles City     | Glasgow        | Lewistown    | Billings    | Totals         |
| Oil Royalty       | \$391,563.56 | \$4,851,065.04 | \$1,446,887.08 | \$97,394.46  | \$8,657.97  | \$6,795,568.11 |
| Oil Interest      |              | \$1,384.58     | \$3,658.86     |              |             | \$5,043.44     |
| Oil Royalty Audit |              | \$2,772.31     | \$6,534.37     |              |             | \$9,306.68     |
| Gas Royalty       | \$65,960.94  | \$224,285.17   | \$156,224.38   | \$83,022.89  | \$1,209.71  | \$530,703.09   |
| Gas Interest      | \$705.05     |                | \$672.02       |              |             | \$1,377.07     |
| Gas Royalty Audit | \$1,786.88   |                | \$1,619.70     | \$14,690.70  |             | \$18,097.28    |
| Shut in Gas       |              | \$720.00       |                | \$4,200.00   | \$3,160.00  | \$8,080.00     |
| Shut in Oil       |              |                |                |              |             | \$0.00         |
| Condensate Royalt | \$2,082.18   | \$52,941.88    | \$5,094.20     |              |             | \$60,118.26    |
| AO Totals         | \$462,098.61 | \$5,133,168.98 | \$1,620,690.61 | \$199,308.05 | \$13,027.68 | \$7,428,293.93 |

<sup>\*</sup>Excludes North Dakota Tracts

|                                   |    |              | Penalty          |    |              |                    |    |              | Со | ndensate  | To | otal Revenue   |
|-----------------------------------|----|--------------|------------------|----|--------------|--------------------|----|--------------|----|-----------|----|----------------|
| Grant                             | Во | nus Income   | Income           | Re | ntal Income  | Oil Royalty        | G  | as Royalty   |    | Royalty   |    | by Grant       |
|                                   |    |              |                  |    |              |                    |    |              |    |           |    |                |
| Common Schools                    | \$ | 329,628.66   | \$<br>428,151.46 | \$ | 829,659.78   | \$<br>6,300,627.84 | \$ | 538,372.79   | \$ | 57,084.37 | \$ | 8,483,524.90   |
| Public Buildings                  |    |              | \$<br>86.50      | \$ | 967.44       | \$<br>2,699.81     | \$ | 1,466.08     |    |           | \$ | 5,219.83       |
| School for Deaf &<br>Blind        |    |              |                  |    |              |                    |    |              |    |           | \$ | -              |
| Pine Hills School                 |    |              |                  |    |              |                    |    |              |    |           | \$ | -              |
| State Normal School               |    |              | \$<br>1,500.00   | \$ | 1,745.00     |                    | \$ | 728.02       |    |           | \$ | 3,973.02       |
| University of MT                  |    |              |                  | \$ | 960.00       |                    |    |              |    |           | \$ | 960.00         |
| MSU Morrill                       | \$ | 220.00       |                  | \$ | 1,139.90     |                    | \$ | 3,534.79     |    |           | \$ | 4,894.69       |
| School of Mines                   |    |              |                  |    |              |                    |    |              |    |           | \$ | -              |
| Veterans Home                     |    |              |                  |    |              |                    |    |              |    |           | \$ | -              |
| Public Land Trust                 | \$ | 21,901.50    | \$<br>6,094.56   | \$ | 14,431.71    | \$<br>505,706.72   | \$ | 10,918.88    | \$ | 3,024.72  | \$ | 562,078.09     |
| Total Trust                       | \$ | 351,750.16   | \$<br>435,832.52 | \$ | 848,903.83   | \$<br>6,809,034.37 | \$ | 555,020.56   |    | 60,109.09 | \$ | 9,060,650.53   |
| Agricultural Experiment Station   |    |              | \$<br>4,679.08   | \$ | 4,847.44     |                    | \$ | 2,852.80     |    |           | \$ | 12,379.32      |
| Dept of<br>Transportation         |    |              | \$<br>(24.19)    | \$ | 2,600.00     | \$<br>312.78       | \$ | 375.65       | \$ | 0.88      | \$ | 3,265.12       |
| Dept of Fish, Wildlife<br>& Parks |    |              |                  | \$ | 2.22         | \$<br>56,071.80    | \$ | 2,652.27     | \$ | 57.87     | \$ | 58,784.16      |
| Dept of Military<br>Affairs       |    |              |                  |    |              | \$<br>201.57       | \$ | 4.00         | \$ | 3.92      | \$ | 209.49         |
| Galen State Hospital              |    |              |                  | \$ | 100.00       | \$<br>43.50        |    |              |    |           | \$ | 143.50         |
| Water Resources                   |    |              |                  |    |              |                    |    |              |    |           |    |                |
| Division                          |    |              | \$<br>325.96     | \$ | 374.73       |                    |    |              |    |           | \$ | 700.69         |
| Total Non-Trust                   |    | \$0.00       | \$4,980.85       |    | \$7,924.39   | \$56,629.65        |    | \$5,884.72   |    | \$62.67   |    | \$75,482.28    |
| Grand Total                       |    | \$351,750.16 | \$440,813.37     |    | \$856,828.22 | \$6,865,664.02     |    | \$560,905.28 | \$ | 60,171.76 |    | \$9,136,132.81 |

# **AGGREGATE**

# Royalty and Production by County (Sand, Gravel, Rock)

| County          | CubicYard    | S (Sand & Gravel) | Tons (F      | Rock)      |     | Total      |
|-----------------|--------------|-------------------|--------------|------------|-----|------------|
| County          | * Royalty \$ | Production        | * Royalty \$ | Production |     | Royalty    |
| Beaverhead      | \$5,433.70   | 5,843.00          |              |            | \$  | 5,433.70   |
| Big Horn        | \$375.00     | 300.00            |              |            | \$  | 375.00     |
| Blaine          | \$3,700.00   | 220.00            |              |            | \$  | 3,700.00   |
| Cascade         | \$75,351.17  | 305.37            |              |            | \$  | 75,351.17  |
| Daniels         | \$450.00     | 200.00            |              |            | \$  | 450.00     |
| Fallon          | \$3,669.00   | 5,578.00          |              |            | \$  | 3,669.00   |
| Flathead        | \$1,164.00   | 97.00             |              |            | \$  | 1,164.00   |
| Gallatin        | \$601.25     | 601.25            | \$100.00     |            | \$  | 701.25     |
| Lake            | \$800.00     | 335.00            |              |            | \$  | 800.00     |
| Lewis and Clark | \$1,573.75   | 684.00            |              |            | \$  | 1,573.75   |
| Lincoln         | \$490.00     | 525.14            | \$150.00     | 5.00       | \$  | 640.00     |
| Madison         | \$60,414.00  | 28,610.00         |              |            | \$  | 60,414.00  |
| Missoula        | \$3,322.50   | 1,933.00          |              |            | \$  | 3,322.50   |
| Pondera         | \$44,732.00  | 44,368.00         |              |            | \$  | 44,732.00  |
| Powell          | \$200.00     | 200.00            |              |            | \$  | 200.00     |
| Rosebud         | \$53,564.00  | 53,212.00         |              |            | \$  | 53,564.00  |
| Sanders         | \$510.00     | 170.00            | \$24,179.70  | 1,361.53   | \$  | 24,689.70  |
| Teton           | \$8,568.20   | 5,115.70          |              |            | \$  | 8,568.20   |
| Toole           | \$500.00     |                   |              |            | \$  | 500.00     |
| Yellowstone     | \$1,200.00   | 1,400.00          |              |            | \$  | 1,200.00   |
| Grand Total     | \$266,618.57 | 149,697.46        | \$24,429.70  | 1,366.53   | \$. | 291,048.27 |

<sup>\*</sup> Totals may include advance royalty payments

#### Royalty and Rental by Area Office

| Unit Office/Area Office        | Royalty Income | Rental Income |
|--------------------------------|----------------|---------------|
| Bozeman                        | \$61,115.25    |               |
| Conrad                         | \$53,800.20    |               |
| Dillon                         | \$5,433.70     |               |
| Helena                         | \$75,351.17    |               |
| CLO Area Office Totals         | \$195,700.32   | \$0.00        |
| Miles City                     | \$57,233.00    |               |
| <b>ELO</b> Area Office Totals  | \$57,233.00    | \$0.00        |
| Glasgow                        | \$450.00       |               |
| Havre                          | \$3,700.00     |               |
| Lewistown                      | \$0.00         |               |
| <b>NELO</b> Area Office Totals | \$4,150.00     | \$0.00        |
| Libby                          | \$490.00       |               |
| Plains                         | \$24,689.70    | \$100.00      |
| Stillwater                     | \$1,314.00     |               |
| Swan River                     | \$800.00       |               |
| NWLO Area Office Totals        | \$27,293.70    | \$100.00      |
| Billings                       | \$1,575.00     |               |
| <b>SLO</b> Area Office Totals  | \$1,575.00     | \$0.00        |
| Clearwater                     | \$5,096.25     | \$300.00      |
| SWLO Area Office Totals        | \$5,096.25     | \$300.00      |
| Grand Total                    | \$291,048.27   | \$400.00      |

#### Royalty and Rental by Grant

| Grant                                | Royalty Income | Rental | Income   |
|--------------------------------------|----------------|--------|----------|
| Common Schools                       | \$272,050.97   | \$     | 100.00   |
| MSU 2nd Grant                        | \$3,322.50     |        |          |
| Pine Hills School                    | \$336.60       |        |          |
| Public Buildings                     | \$13,798.20    |        |          |
| Public Land Trust - Navigable Rivers | \$450.00       |        |          |
| School for Deaf & Blind              | \$388.75       | \$     | 300.00   |
| School of Mines                      | \$601.25       |        |          |
| University of Montana                | \$100.00       |        |          |
| Grand Total                          | \$291,048.27   | \$     | \$400.00 |

#### **COAL LEASES**

**Production:** Coal production on State trust lands decreased by 17.5% in FY17 to 3,916,075 tons mined compared to 4,748,656 tons mined in FY16. All coal reported was produced from seven State leases in Big Horn, Musselshell and Rosebud Counties. The volume of coal mined can change significantly from year to year, as mining activity moves on to or off of state land within the normal sequence of operations. Coal production figures represent the twelve production months during the fiscal year, regardless of the date it was received.

#### Royalty and Production by County - Coal

| County      | Royalties (\$) | Production (ton) |
|-------------|----------------|------------------|
| Big Horn    | \$5,966,889.49 | 3,612,469        |
| Musselshell | \$220,388.06   | 90,319           |
| Rosebud     | \$614,482.68   | 213,287          |
| Total       | \$6,801,760.23 | 3,916,074.70     |

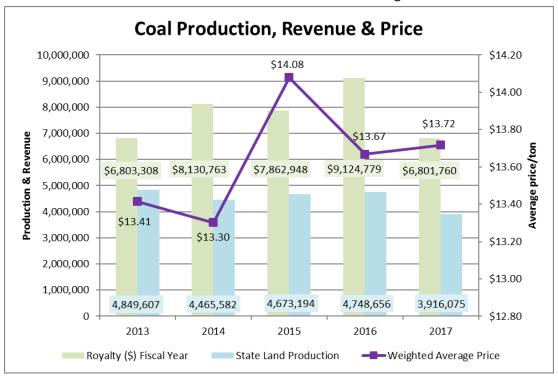
#### Royalty and Rental by Area Office - Coal

| Area Office | Royalty Income | Rental Income | Total          |
|-------------|----------------|---------------|----------------|
| ELO         | \$614,482.68   | \$33,109.20   | \$647,591.88   |
| SLO         | \$6,187,277.55 | \$12,586.32   | \$6,199,863.87 |
| Total       | \$6,801,760.23 | \$45,695.52   | \$6,847,455.75 |

## Royalty and Rental Income by Grant - Coal

| Grant          | Royalty Income | Rental Income | Total          |
|----------------|----------------|---------------|----------------|
| Common Schools | \$6,801,760.23 | \$45,695.52   | \$6,847,455.75 |
| Total          | \$6,801,760.23 | \$45,695.52   | \$6,847,455.75 |

**Revenues:** In FY17, coal royalty revenues totaled \$6,801,760. Royalty revenue decreased 25.4% over FY16. Coal prices for State land production increased to \$13.72 per ton from \$13.67 per ton in FY16. Revenues reported are those received and processed only during the fiscal year. All coal revenues received in FY17 on State trust land leases benefit the common schools grant.



#### **LAND USE LICENSES**

#### **Land Use Licenses:**

- Can apply to any type of mineral and are issued for mineral activities that are not included in other types of leases or permits.
- The length of license is determined by individual situation
- Examples of licensed activities include salt water disposal, access roads and pipelines to non-State wells, non-mechanized prospecting for minerals, groundwater monitoring wells, gravity surveys and infrastructure for coal bed methane fields.
- Under a Land Use License for non-mechanized prospecting, the user may explore but cannot remove or sell minerals.

#### Royalty and Rental Income by County - LUL

| toyanty and noneal meeting by country |                |               |             |  |
|---------------------------------------|----------------|---------------|-------------|--|
| County                                | Royalty Income | Rental Income | Total       |  |
| Beaverhead                            |                |               | \$0.00      |  |
| Big Horn                              |                | \$200.00      | \$200.00    |  |
| Blaine                                |                | \$200.00      | \$200.00    |  |
| Broadwater                            |                | \$100.00      | \$100.00    |  |
| Dawson                                | \$11,061.55    |               | \$11,061.55 |  |
| Musselshell                           |                | \$150.00      | \$150.00    |  |
| Phillips                              |                | \$2,713.70    | \$2,713.70  |  |
| Richland                              |                | \$1,000.00    | \$1,000.00  |  |
| Roosevelt                             | \$1,000.00     | \$1,495.55    | \$2,495.55  |  |
| Grand Total                           | \$12,061.55    | \$5,859.25    | \$17,920.80 |  |

Note: There is no production associated with Salt Water Disposal

# Royalty and Rental Income by Area Office - LUL

| Area Offic       | ce - Unit Office | Royalty Income | Rental Income | Total       |
|------------------|------------------|----------------|---------------|-------------|
| CLO              | Helena           |                | \$100.00      | \$100.00    |
| CLO              | Conrad           |                |               | \$0.00      |
| ELO              | Miles City       | \$11,061.55    | \$1,150.00    | \$12,211.55 |
| NELO             | Glasgow          | \$1,000.00     | \$4,209.25    | \$5,209.25  |
| NELO             | Havre            |                | \$200.00      | \$200.00    |
| SLO              | Billings         |                | \$200.00      | \$200.00    |
| <b>Grand Tot</b> | tal              | \$12,061.55    | \$5,859.25    | \$17,920.80 |

Note: Rental income may include surface damages not covered under an oil and gas lease.

# Royalty and Rental Income by Grant - LUL

| Grant              | Royalty Income | Rental Income | Total       |
|--------------------|----------------|---------------|-------------|
| Common Schools     | \$12,061.55    | \$5,859.25    | \$17,920.80 |
| Total Trust Income | \$12,061.55    | \$5,859.25    | \$17,920.80 |

#### **METALLIFEROUS MINERAL LEASES**

*Metalliferous Leases* cover a variety of commercially marketed metallic minerals such as gold, silver, and copper, as well as gemstones including rubies, garnets and sapphires.

Royalty and Rental Income by County - Metalliferous Minerals

| County        | Royalty Income | *Rental Income | Total    |
|---------------|----------------|----------------|----------|
| Fergus (Gold) |                | \$277.08       | \$277.08 |
| Grand Total   |                |                | \$277.08 |

#### Royalty and Rental Income by Area Office - Metalliferous Minerals

| Area Office -      | Unit Office | Royalty Income | *Rental Income | Total    |
|--------------------|-------------|----------------|----------------|----------|
| NELO               | Lewistown   |                | \$277.08       | \$277.08 |
| <b>Grand Total</b> |             |                |                | \$277.08 |

#### Royalty and Rental Income by Grant - Metalliferous Minerals

| Grant              | Royalty Income | *Rental Income | Total    |
|--------------------|----------------|----------------|----------|
| Common Schools     |                | \$277.08       | \$277.08 |
| Total Trust Income |                |                | \$277.08 |

<sup>\*</sup> Rental figures include in lieu of exploration payments

## **NON-METALLIFEROUS MINERAL LEASES**

**Non-metalliferous Leases** cover a variety of commercially marketed non-metallic minerals such as limestone, bentonite, and peat moss.

#### Royalty and Rental Income by County - Non-Metalliferous Minerals

| <u> </u>    | , | •              |             |
|-------------|---|----------------|-------------|
| County      | Royalty Income                          | *Rental Income | Total       |
| Beaverhead  | \$20.00                                 | \$360.00       | \$380.00    |
| Carter      |   | \$5,126.00     | \$5,126.00  |
| Jefferson   |   | \$5,070.00     | \$5,070.00  |
| Grand Total | \$20.00                                 | \$10,556.00    | \$10,576.00 |

#### Royalty and Rental Income by Area Office - Non-Metalliferous Minerals

| Area Office - Unit Office |        | Royalty Income | *Rental Income | Total       |
|---------------------------|--------|----------------|----------------|-------------|
| CLO                       | Dillon | \$20.00        | \$360.00       | \$380.00    |
|                           | Helena |                | \$5,070.00     | \$5,070.00  |
| ELO                       |        |                | \$5,126.00     | \$5,126.00  |
| <b>Grand Tota</b>         | 1      | \$20.00        | \$10,556.00    | \$10,576.00 |

#### Royalty and Rental Income by Grant - Non-Metalliferous Minerals

| <u> </u>           | //             | J              |             |
|--------------------|----------------|----------------|-------------|
| Grant              | Royalty Income | *Rental Income | Total       |
| Public Buildings   | \$20.00        | \$360.00       | \$380.00    |
| Common Schools     |                | \$10,196.00    | \$10,196.00 |
| Total Trust Income | \$20.00        | \$10,556.00    | \$10,576.00 |

<sup>\*</sup> Rental figures include in lieu of exploration payments